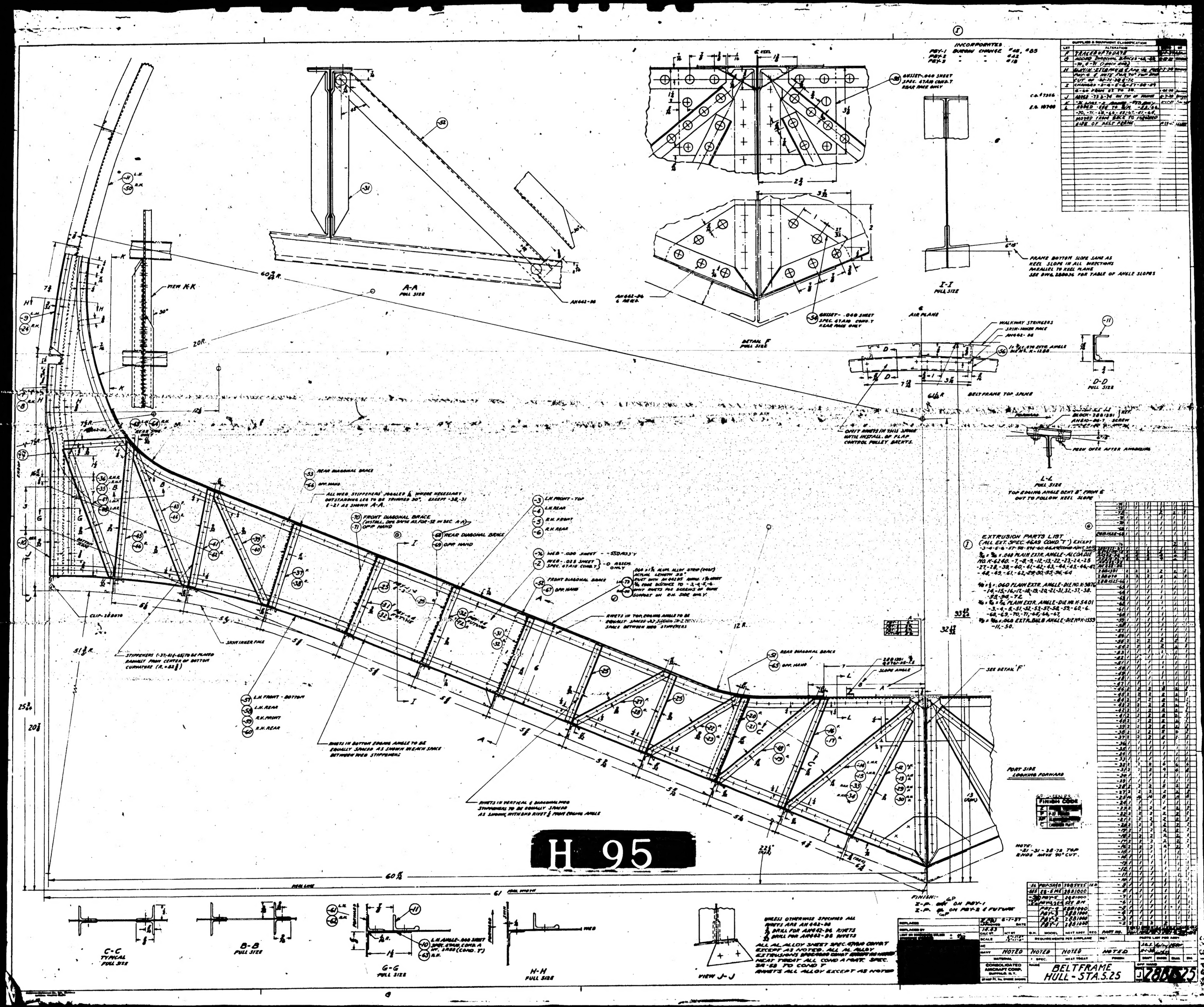
INCORPORATES
PBY-1 BURBAN CHANGE #48, 485
PBY-2 " " 442
PBY-3 " " 418
SUPPLIES & EQUIPMENT CLASSIFICATION
LIST ALTERATION
TRACED UP TODAY
ADDED DIAGONAL BRACES -48,-49
-20, & -77 (LEFT HAND)
CHANGED -2-4-6-8-17-20-29
ADDED -73 & -74 ON TOP OF FRAME
ADDED -66 TO -20,-71,-48,-49,-22,-67,-21,-65.
MOVED FRAME BACK TO FORWARD SIDE OF KEEL PLATING.
C.O. 9756
E.O. 10700
A-A
FULL SIZE
VIEW K-K
DETAIL F
FULL SIZE
I-I
FULL SIZE
FRAME BOTTOM SLOPE SAME AS KEEL SLOPE IN ALL DIRECTIONS PARALLEL TO KEEL PLANE SEE DWG. 288036 FOR TABLE OF ANGLE SLOPES
AIR PLANE
WALKWAY STRINGERS
SKIN-INNER FACE
BELTFRAME TOP SPLICE
D-D
FULL SIZE
L-L
FULL SIZE
TOP EDGING ANGLE BENT 8° FROM E OUT TO FOLLOW KEEL SLOPE
REAR DIAGONAL BRACE
FRONT DIAGONAL BRACE
ALL WEB STIFFENERS JOGGLED WHERE NECESSARY OUTSTANDING LEG TO BE TRIMMED 30°, EXCEPT -38,-31 & -21 AS SHOWN A-A.
STIFFENERS (-37,-41 & -43) TO BE PLACED RADIALLY FROM CENTER OF BOTTOM CURVATURE (R.=82 1/8)
SKIN INNER FACE
RIVETS IN BOTTOM EDGING ANGLE TO BE EQUALLY SPACED AS SHOWN WEACH SPACE BETWEEN WEB STIFFENERS
RIVETS IN VERTICAL & DIAGONAL WEB STIFFENERS TO BE EQUALLY SPACED AS SHOWN, WITH END RIVET 1/2 FROM EDGING ANGLE
RIVETS IN TOP EDGING ANGLE TO BE EQUALLY SPACED AS SHOWN WITH 2 SPACES IN 2 SPACE BETWEEN WEB STIFFENERS
SEE DETAIL 'F'
PORT SIDE LOOKING FORWARD
NOTE: -21 -31 -38 -73 TOP ENDS HAVE 90° CUT.
EXTRUSION PARTS LIST
(ALL EXT. SPEC. 46A9 COND. 'T') EXCEPT
-3-4-5-6-57-58-59-60 46A9 COND AMS 3695
3/8 x 3/8 x .040 PLAIN EXTR. ANGLE-ALCOA DIE NO. K-6240. -7,-8,-9,-12,-13,-22,-23,-24,-25 -27,-28,-38,-40,-41,-42,-43,-44,-45,-46,-47 -48,-49,-61,-62,-29,30,-35,-36,-64
3/8 x 1/2 x .060 PLAIN EXTR. ANGLE-DIE NO. K-3876 -14,-15,-16,-17,-18,-19,-20,-21,-31,32,-37,-38. -52,-54,-72
3/4 x 3/4 x 1/4 PLAIN EXTR. ANGLE-DIE NO. K-5401 -3,-4,-5,-51,-52,-53,-57,-58,-59,-60,-6. -68,-69,-70,-71,-66,-64,-67
7/8 x 3/16 x .060 EXTR. BULB ANGLE-DIE NO. K-1559 -11,-50.
FINISH CODE
NOTE:
UNLESS OTHERWISE SPECIFIED ALL RIVETS ARE AN 442-D6
DRILL FOR AN442-D6 RIVETS
DRILL FOR AN403-D8 RIVETS
ALL AL. ALLOY SHEET SPEC. 47A10 COND T EXCEPT AS NOTED. ALL AL. ALLOY EXTRUSIONS SPEC. 46A9 COND T EXCEPT AS NOTED
HEAT TREAT ALL COND A PRAT. SPEC. 3A-68 TO COND T
RIVETS ALL ALLOY EXCEPT AS NOTED
FINISH:-
Z-P. GP ON PBY-1
Z-P. GP ON PBY-2 & FUTURE
CONSOLIDATED AIRCRAFT CORP. BUFFALO, N.Y.
BELTFRAME HULL - STA. 5.25
288525
C-C
TYPICAL
FULL SIZE
B-B
FULL SIZE
G-G
FULL SIZE
H-H
FULL SIZE
VIEW J-J

H 95